

Year 7 Science - Fields of Science Activity

Purpose of Task

The word 'science' covers a huge array of fields of study that are all based on observation, experimentation, measurement and the building of a body of knowledge. This task gives students the opportunity to research one field of science and then to share their understanding of that field with their classmates.

Task Details

For the field of science that you have been assigned answer as many of the questions below as possible. As far as possible, give answers **using your own words**.

1. What is your field of science about?
2. What name is applied to scientists working in your field?
3. What is one interesting fact about the history/development of your field?
4. Give an interesting example of what a scientist working in your field might study.
5. How does this field of science affect us in our daily lives?

You need to have a good, basic understanding of your field so that you can share what you have discovered in your research time with your class, so provide a good level of detail in your answers.

Locate and Record Information

Students are to research their topic using the encyclopedias in the reference section of the library. Your teacher may allow you to use the internet if required. Make notes in your science workbook to assist you when you talk to the class about your field.

Bibliography

It is important to record the details of your sources of information so that others can easily find the same information. Write down these details from the reference book you used:

- Name of the section you read.
- Year that the encyclopedia was published.
- Title of encyclopedia and volume number.
- Publisher of the encyclopedia and city where the publisher is located.

Put that information into one line, for example:

'Robotics' 2015, *World Book Encyclopedia*, vol.15, World Book, Chicago.

The [online bibliography generator](#) will help you to write your bibliography entry. It will also help you to write the entry for any websites that you use.

Fields of Science

Acoustics	Forensics
Aerodynamics	Genetics
Agriculture	Geology
Agronomy	Horticulture
Anatomy	Hydrology
Anthropology	Medicine
Astronomy	Meteorology
Biology	Microbiology
Biotechnology	Mineralogy
Botany	Oceanography
Chemistry	Optics
Climatology	Paleontology
Cosmology	Physics
Ecology	Physiology
Electronics	Seismology
Entomology	Zoology